Český hydrometeorologický ústav

IPPU – 2A, 2C, 2E, 2H

Bc. Šimon Svoboda

Presentation content

– Statistics

– Data sources for the IPPU sector

– Categorization

– Avoiding overlaps

– Key categories and transition to a higher Tier method

– Novice's point of view

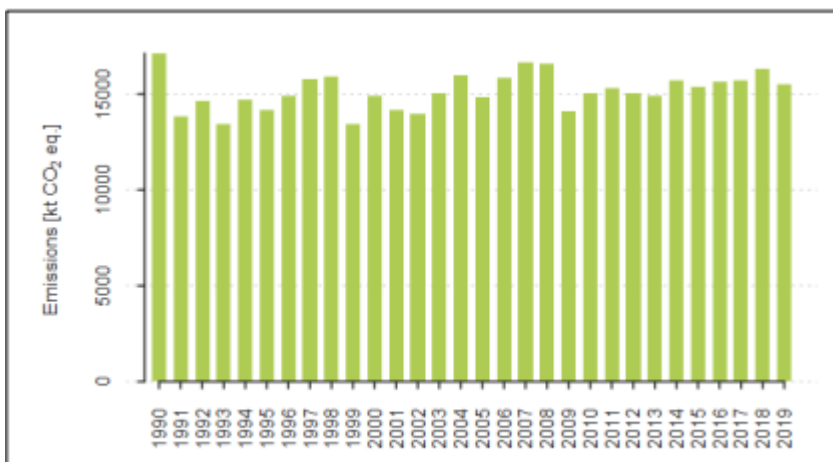– Summary

Český
hydrometeorologický
ústav

Statistics

Fig. 4-1 Trend of emissions from IPPU [kt CO₂ eq.]

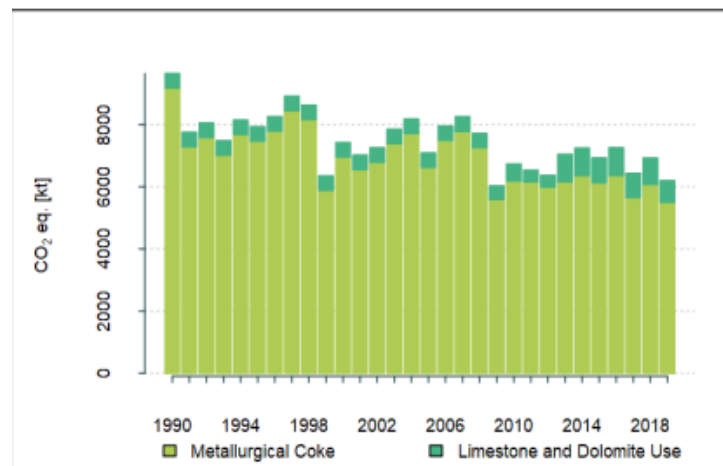

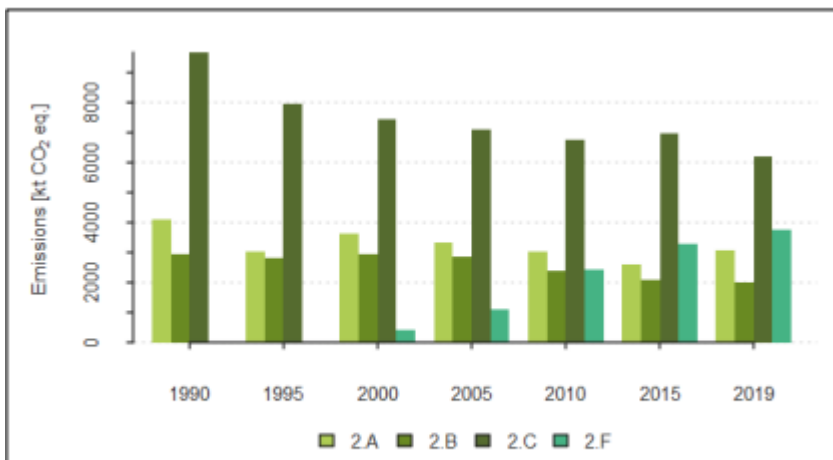Fig. 4-6 Trend of CO2 emissions in 2.C.1, 1990 – 2019 [kt CO2]

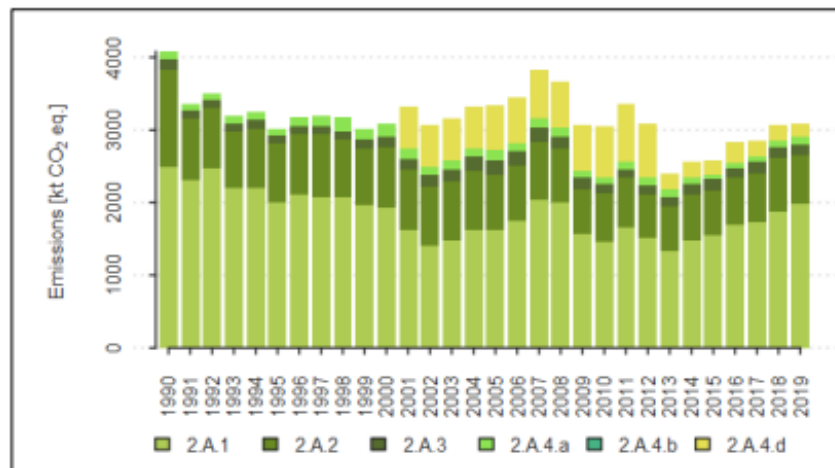Fig. 4-2 Emissions from principal subcategories of IPPU [kt CO₂ eq.]

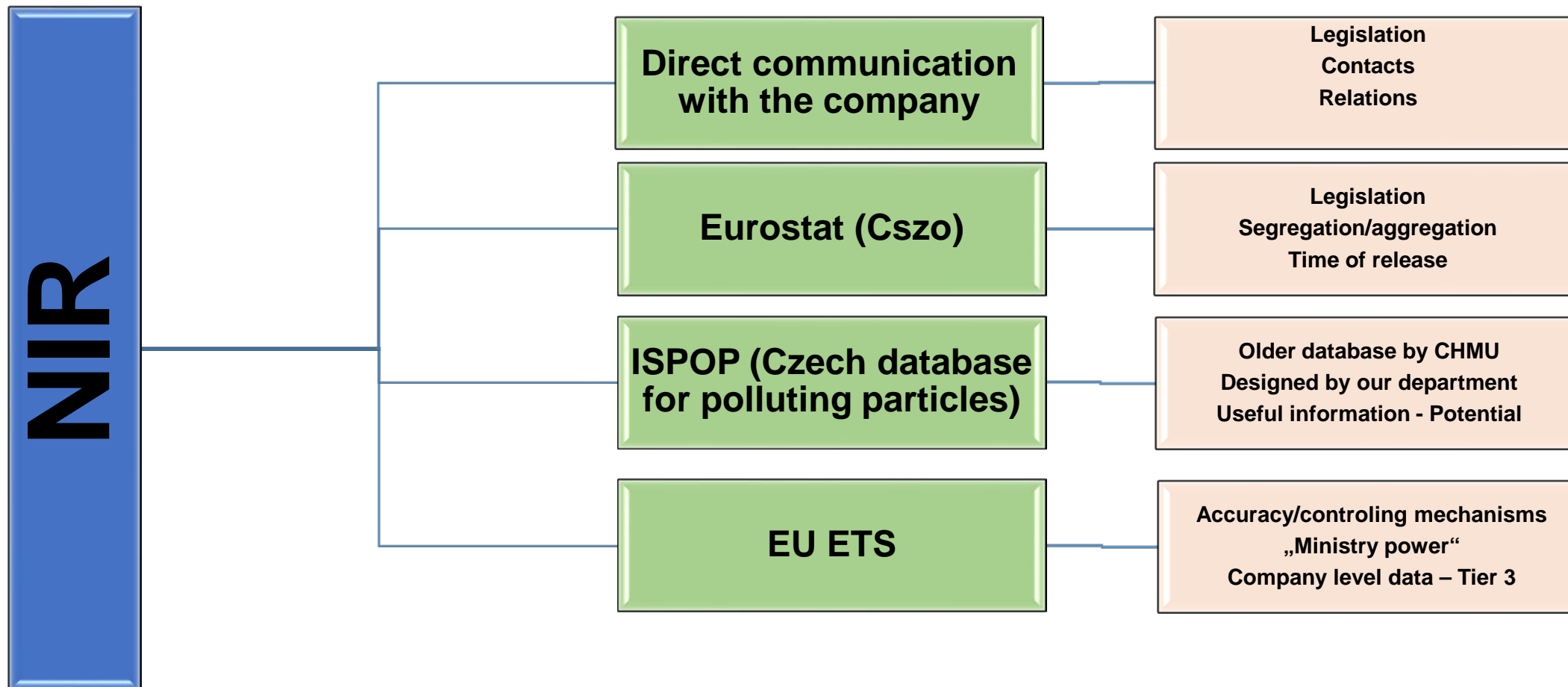Fig. 4-3 Trend of emissions from 2.A Mineral Industry and share of specific subcategories [kt CO2]

www.chmi.cz

Český
hydrometeorologický
ústav

Data sources for the IPPU sector

NIR

Source	Notes
Direct communication with the company	Legislation Contacts Relations
Eurostat (Cszo)	Legislation Segregation/aggregation Time of release
ISPOP (Czech database for polluting particles)	Older database by CHMU Designed by our department Useful information - Potential
EU ETS	Accuracy/controling mechanisms „Ministry power" Company level data – Tier 3

Categorization

- Categorization differs by country

- Companies report wrong categories (EU-ETS, ISPOP)

- EU-ETS different approach

- Review vs National specifics

- Data sources – material, fuel, product

Český hydrometeorologický ústav
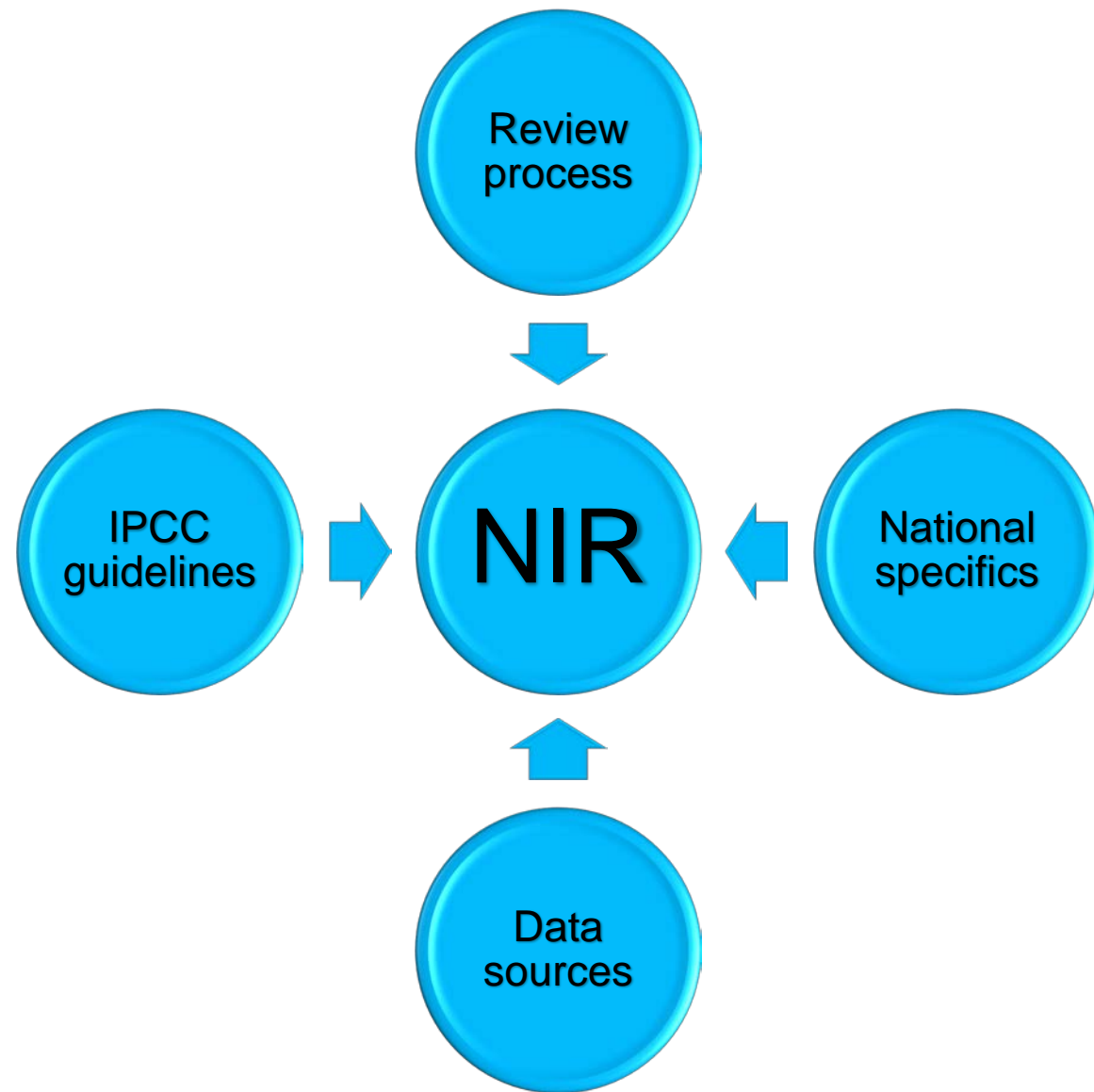
Avoiding overlaps – Ironwork complexity example

- Ironworks due to the role of coke are very complicated

- Recuperation and waste product reuse

- Division of the companies

- EU – ETS Heating plants/ Power plants

Český
hydrometeorologický
ústav
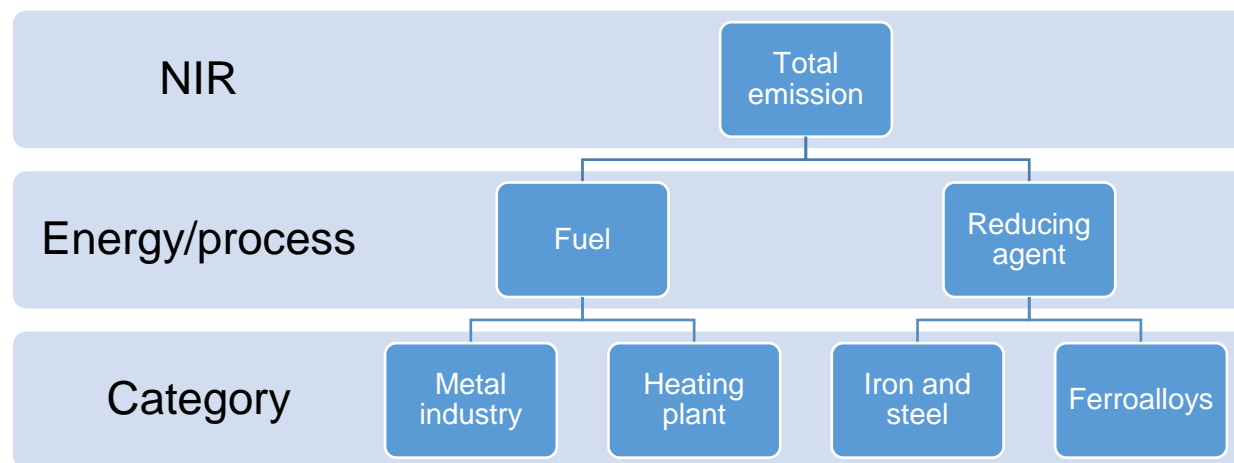
Key categories and transition to a higher Tier method

– Data sources at the company level

– Structrure of the previous data

– Must be comparable with previous calculation

– The new calculation's defense or an explanation of differences

Český
hydrometeorologický
ústav

Novice's point of view

– Broad topics

– Complicated explanation in IPCC guidelines

- Relationship to real processes
- The importance of highlighting the major drivers of calculation

– Consistency of the work proces

- Between former and current employes
- Your own work
  - A large numbers of small task
  - The time gap before getting back to the same task

- „Check the NIR from other countries"
- Solid notes
- explanation of coding in your calculation sheets
- links to the data sources and IPCC formulas

Questions???

Český hydrometeorologický ústav
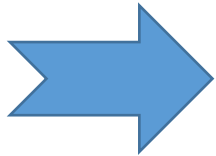
Thank you for your attention

Bc. Šimon Svoboda

✉ *simon.svoboda @chmi.cz*

Český
hydrometeorologický
ústav